

April 12th, 2017 Surveillance Team Call

Action Items and Reminders for next call:

1. Data must be into EIDITH by April 30th to be included in the semi-annual report; please communicate with teams and be prepared to give a status update next call. Also make sure teams rapidly follow up with IM to address any issues they have getting data in.
2. Africa country updates; field and lab activities updates, GHSA highlights, zoonotic disease prioritization workshops, update on data entry and any hurdles/concerns.

Participants: Damien Joly, Matthew LeBreton, Marcy Uhart, Mindy Rostal, Ava Sullivan, Leilani Francisco, Hongying Li, Emily Hagan, Alice Latinne, Emma Lane, Kevin Olival, Jon Epstein, Brian Bird, Jim Ayukekbong, Frantz Jean Louis, Chris Kreuder Johnson, [REDACTED], David Wolking, Tracey Goldstein, Simon Anthony, Kirsten Gilardi, Jason Euren, Karen Saylor, Dave McIver, Sarah Olson, Daniel O'Rourke, Dawn Zimmerman

Semi-annual report and EIDITH push for data

- The semi-annual report is due to USAID in its final form on Friday May 26th, and the **deadline for getting data into EIDITH for this report is April 30th.**
- We will be moving away from the narrative style reports which were extremely long and ultimately unsustainable and will instead lean heavily on data in EIDITH to generate reports -- David will follow up with more detailed guidelines soon. **Bottom line, we need to make a really strong push to get data into EIDITH as we have been discussing on surveillance call for the last few weeks. By April 30th, we will assume all numbers are up to date, verified, and final.**
- Data submissions in general are pretty up to date from IM team's perspective -- however, country teams and global leads know best what data is yet to be started in EIDITH.
- We will not have much time to revisit this next call, but please be prepared to share what proportion of data has been collected versus what has been entered into EIDITH. Please work with IM team if you have not yet already to address any issues your team is having.
 - Uganda -- had an issue where an event they were entering disappeared and was not submitted. IM has developed a backup method that will save data regularly on the desktop so in case this happens it can be recovered. Look for guidance in the tip of the week.
 - Bangladesh -- had an issue that might be affecting other teams, which IM team will also share in a tip of the week.

CDC feedback on biosafety practices

CDC recently visited PREDICT in West Africa and offered some suggestions about our biosafety practices, which we have reviewed and are in the process of responding to. Some suggestions we did not see as applicable from the global perspective, e.g. CDC suggested we monitor staff temperatures every day to detect acute infection, however this could be something for country leads to consider.

- In light of reviewing our biosafety practices, we wanted to remind teams that while PREDICT has been field sampling with animals following the same basic suite of biosecurity protocols mostly without incident, we should not get complacent. The times we might run into biosafety issues are when we are not being attentive -- so please remind teams to be vigilant, review safety protocols periodically, and always adhere to proper PPE guidelines and let's keep going without incident.

- Also, as many teams are starting to engage on human sampling side, we should be taking a good look at how biosafety and universal precautions are being addressed in each hospital, clinic, or site. Because the work is being done by hospital staff including doctors and trained medical professionals, we may tend to assume there is no need for additional training. However please always check that these teams are adhering to the international guidelines to help protect their safety as well as the people and communities they are serving.

Handling test data other than PREDICT viral family testing

- While PREDICT has been assisting with Nipah virus testing as part of the outbreak that is occurring in Bangladesh, we realized there was no way to enter test data other than our PREDICT viral family testing. There will be a new option for entering test data as “other – non-PREDICT strategy outbreak testing” which should be available sometime next week.

EIDITH updates

- Average days for data entry in last two weeks is 46 days, which shows we are improving (data entry over the life of the project is 100 days). Keep up the good work!

Indicator	Total	NewInLast2Weeks
# countries with data	28	1
# animal sampled	28795	1503
# human sampled	1079	150
# specimens	139780	8486
# tests	42377	4801
average days between event and data submission	100	
average days between event and data submission for data submitted in last 2 weeks	46	
number of events/test batches waiting for country input	21	
number of events/test batches waiting for IM review	0	

Asia Updates

Nepal -- 34 saliva, 50 urine, 44 feces collected from primates in March; syndromic surveillance set up at 2 large referral hospitals (CMC and PAHS)—training will be starting April 15th with plan to start sampling within about a week after training.

Mongolia – April 20th – May 2nd spring sampling WCS, SCVL and others. Caught 10-12 birds; the rest are all environmental fecal samples.

Viet Nam – Sampled 7 primates in wildlife trade, 4 post mortem langurs; 3 day sampling trip 113 pangolins; 175 biological samples from people who have been exposed to animals through collaboration with VIZION;

Myanmar – JEE is May 1st – 10th – submitted concept note for PREDICT to be invited (loop in Catherine and Billy if not already). FAO collected duck and cattle samples.

Laos – all data current; field trip coming soon and waiting for reagents to come into the country. Good meeting with Mission, cooperation with FAO is good. FAO began uploading data into EIDITH.

China – 196 humans sampled, 75 in Dongguan the rest in Shantou. Most data are in EIDITH. Testing is going smoothly. Part of rodent sampling data are entered and uploaded; bat data will start soon (418 bat samples from Y2). IRB approval for new partner for human surveillance.

Indonesia – waiting on local IRB approval; planning stages of lab training in mid-May (for 80 people); supported P&R with coordination with ministry; collected 1500 specimens from bat and rodents in February and March in N. Sulawesi; lab work going forward.

Thailand – June field trip planned, EIDITH data all inputted from test results and surveillance data in Feb 2017. Human IRB is approved by UCD; start clinic/community surveillance in May. 104 bats tested with prelim results pending.

Malaysia – sampling in humans and animals in April (Orang Asli); Deep Forest ongoing with fieldtrip in March.

Bangladesh – March-April; 16 macaques sampled (immobilized), GHSA meeting today that Arif presented results from the crow-die off outbreak which has been reported as H5 influenza to OIE (still N-typing the Dhaka sample). Lab is doing PREDICT viral family testing during the outbreak investigation for birds and bats. 100 rodents sampled.

India – getting permissions still; conducting training.

Cambodia – Syndromic surveillance: Kunthabopha pediatric hospital (in Phnom Penh receiving patients from across the country): 17 patients total since January; Koh Thom district hospital: 51 patients since March; Prey Chor district hospital: 9 patients since March; team is investigating two other district hospitals adjacent to our field sites for their potential inclusion in the syndromic surveillance.

Testing: For year 2 samples, the lab has extracted RNA from 190 samples (oral and rectal swab) from 95 humans. We have 1600 remaining priority samples for extraction. Hanta and Rhabdo virus testing are completed for the 190 human samples, with concurrent training of RUA veterinary students. Flavi virus testing has been completed on approximately 100 human samples with concurrent training of staff from the government's NIPH lab. Next field trip is the first week of May to the bat guano farming community.

Next Call
Thursday, April 27th, 2017
@ 10am PT/1pm ET